INDEX TO VOL. XCI. (B)

Algæ, photo-synthesis in (Moore and Webster), 201.
Anaphylaxis, biological significance of (Dale), 126.
Arber (A.) The Vegetative Morphology of *Pistia* and the Lemnaceæ, 96; —— See also Beer and Arber.
Atropine, effect of, on emotive response (Markbreiter), 40.

Bateson, (W.) Croonian Lecture.—Genetic Segregation, 358.
Bateson (W.) and Pellew (C.) The Genetics of Rogues among Culinary Peas (*Pisum sativum*), 186.
Bayliss (W. M.) The Properties of Colloidal Systems. IV.—Reversible Gelation in Living Protoplasm, 196.
Beer (R.) and Arber (A.) On the Occurrence of Multinucleate Cells in Vegetative Tissues, 1.
Bennett (A. G.) On the Occurrence of Diatoms on the Skin of Whales, 352.
Beriberi, genesis of œdema in (McCarrison), 103.
Bottomley (W. B.) The Effect of Nitrogen-fixing Organisms and Nucleic Acid Derivatives on Plant Growth, 83.
Breinl (A.) See Young and others.
Briggs (G. E.) Experimental Researches on Vegetable Assimilation and Respiration. XIII.—The Development of Photosynthetic Activity during Germination, 249.
Brodie (T. G.) Obituary Notice of, xxviii.

Cells, multinucleate, in vegetative tissues (Beer and Arber), 1.
Chromosome dimensions, further study of (Meek), 157.
Collins (E. J.) The Genetics of Sex in *Funaria hygrometrica*, 369.
Colloidal systems. IV.—Reversible gelation in protoplasm (Bayliss), 196.
Croonian Lecture (Dale), 126; (Bateson), 358.

Dale (H. H.) Croonian Lecture.—The Biological Significance of Anaphylaxis, 126.
Diatoms on skin of whales (Bennett), 352.

Emotive phenomena. Part II.—(Waller), 17.
Energy expenditure and food requirements (Rosenheim), 44.
Energy output of dock labourers (Waller), 166, 229.
Exercise and humid heat, effect upon pulse rate, body temperature, etc. (Young and others), 111.

Flint implements, rostro-carinate and allied forms (Lankester), 330.
Food requirements and energy expenditure (Rosenheim), 44.
Funaria hygrometrica, genetics of sex in (Collins), 369.

Gates (R. R.) A Preliminary Account of the Meiotic Phenomena in the Pollen Mother-Cells and Tapetum of Lettuce (*Lactuca sativa*), 216.
Geikie (J.) Obituary notice of, xxxiii.
Genetic segregation (Bateson), 358.
Genetics of rogues among culinary peas (Bateson and Pellew), 186; of sex in *Funaria hygrometrica* (Collins), 369.

Godman (F. D.) Obituary notice of, i.
Gray (J.) The Relation of Spermatozoa to certain Electrolytes.—II, 147.
Greenwood (M.), Hodson (C.), and Tebb (A. E.) Report on the Metabolism of Female Munition Workers, 62.

Harris (J. J.) See Young and others.
Hermann (L.) Obituary notice of, xxxviii.
Hogben (L. T.) Studies on Synapsis. I.—Oogenesis in the Hymenoptera, 268; II.—Parallel Conjugation and the Prophase Complex in Periplaneta, 305.
Horsley (Sir V.) Obituary notice of, xliv.
Hutchinson (Sir J.) Obituary notice of, xli.

Lankester (Sir E. R.) On some Rostro-carinate Flint Implements and Allied Forms, 330.
Lettuce, meiotic phenomena in pollen mother-cells of (Gates), 216.

McCarrison (R.) The Genesis of Œdema in Beriberi, 103.
Markbreiter (R.) The Effect of Atropine on the Emotive Response, 40.
Meek (C. F. U.) A Further Study of Chromosome Dimensions, 157.
Metabolism of female munition workers (Greenwood and others), 62.
Moore (B.) and Webster (T. A.) Studies of Photo-synthesis in Fresh-water Algæ, 1–3, 201.
Muscular work, physiological cost of, and discharge of carbon dioxide (Waller), 166.

Nelson (E. W.) Appendix to paper on diatoms on whales (Bennett), 352.
Nitrogen-fixing organisms, effect of, on plant growth (Bottomley), 83.

Obituary Notices :—

Godman, F. D., i.
Trail, J. W. H., vii.
Saunders, E., xii.
Trimen, R., xviii.
Brodie, T. G., xxviii.
Woodward, H. B., xxxi.
Geikie, J., xxxiii.
Retzius, G. M., xxxvi.
Hermann, L., xxxviii.
Hutchinson, Sir J., xli.
Horsley, Sir V., xliv.
Pickard-Cambridge, O., xlix.

Oogenesis in the hymenoptera (Hogben), 268.
Osborne (W. A.) See Young and others.

Pellew (C.) See Bateson and Pellew.
Photo-synthesis in fresh-water algæ (Moore and Webster), 201.
Photosynthetic activity, development of, during germination (Briggs), 249.
Pickard-Cambridge (O.) Obituary notice of, xlix.
Pistia and the Lemnaceæ, vegetative morphology of (Arber), 96.
Plant growth, effect of nitrogen-fixing organisms and nucleic acid derivatives on (Bottomley), 83.
Protoplasm, reversible gelation in living (Bayliss), 196.
Pulse rate, body temperature, etc., effect of exercise and humid heat upon (Young and others), 111.

Retzius (G. M.) Obituary notice of, xxxvi.
Rosenheim (O.) A Preliminary Study of the Energy Expenditure and Food Requirements of Women Workers, 44.

Saunders (E.) Obituary notice of, xii.
Spermatozoa, relation to electrolytes (Gray), 147.

Sphenodon punctatus, auditory apparatus in (Wyeth), 224.
Synapsis, studies on —— oogenesis in hymenoptera (Hogben), 268 ; parallel conjugation, etc. (Hogben), 305.

Trail (J. W. H.) Obituary notice of, vii.
Trimen (R.) Obituary notice of, xviii.

Vegetable assimilation and respiration —— photosynthetic activity during germination (Briggs), 249.

Waller (A. D.) Concerning Emotive Phenomena. Part II.—Periodic Variations of Conductance of the Palm of the Human Hand, 17 ; Part III.—The Influence of Drugs upon the Electrical Conductivity of the Palm of the Hand, 32. —— The Physiological Cost of Muscular Work measured by the Discharge of Carbon Dioxide. Part I.—The Energy Output of Dock Labourers during Heavy Work, 166 ; Part II.—The Energy Output of Labourers on Cold Storage Work, 229.
Webster (T. A.) See Moore and Webster.
Whales, diatoms on skin of (Bennett), 352.
Woodward (H. B.) Obituary notice of, xxxi.
Wyeth (F. J.) On the Development of the Auditory Apparatus in *Sphenodon punctatus* 224.

Young (W. J., and others.) Effect of Exercise and Humid Heat upon Pulse Rate, Blood Pressure, Body Temperature, and Blood Concentration, 111.

END OF THE NINETY-FIRST VOLUME (SERIES B).

HARRISON AND SONS, Ltd., Printers in Ordinary to His Majesty, St. Martin's Lane.